

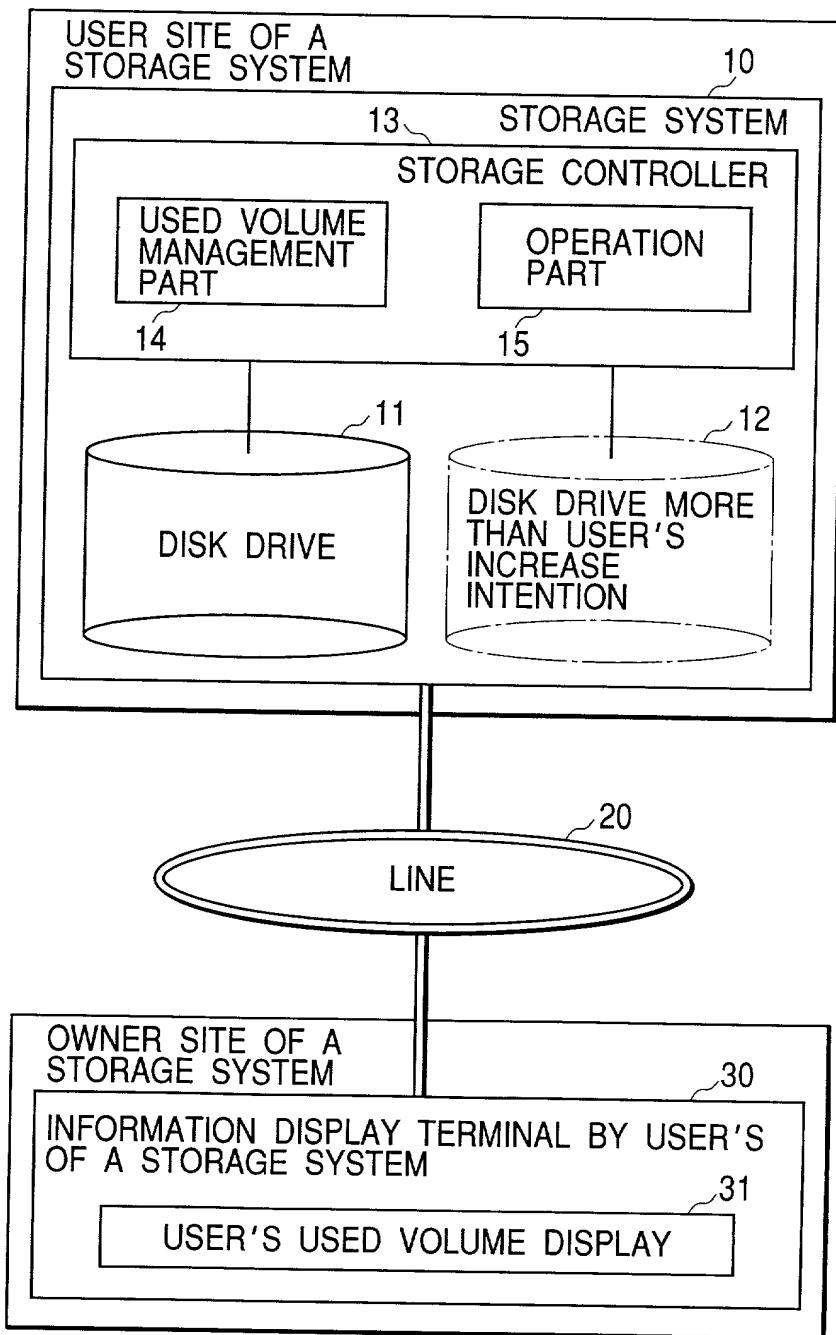
FIG. 1CHARGING SYSTEM OVERVIEW OF A
STORAGE SYSTEM

FIG. 2

MANAGEMENT TABLE OF A DISK CONTROL UNIT OF A STORAGE SYSTEM

ON-DEMAND VOLUME	ON-DEMAND FLAG ATTRIBUTE (SET/RESET)	RESET TIME (DATE AND TIME)
xxGB	RESET	yymmddhhmmss
xxGB	RESET	yymmddhhmmss
xxGB	SET	
xxGB	SET	
...
xxGB	SET	

FIG. 3

INFORMATION FLOW OF A STORAGE SYSTEM AND AN INFORMATION DISPLAY TERMINAL AT RESET OF AN ON-DEMAND FLAG

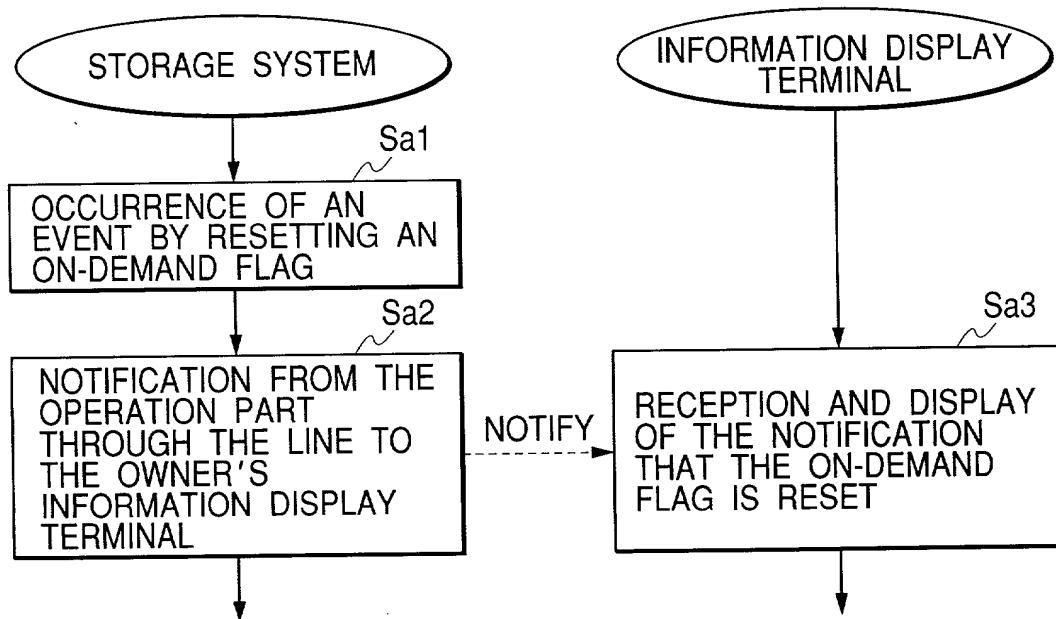


FIG. 4

INFORMATION FLOW OF A STORAGE SYSTEM AND AN INFORMATION DISPLAY TERMINAL AT CONFIRMATION (INQUIRING) OF INFORMATION

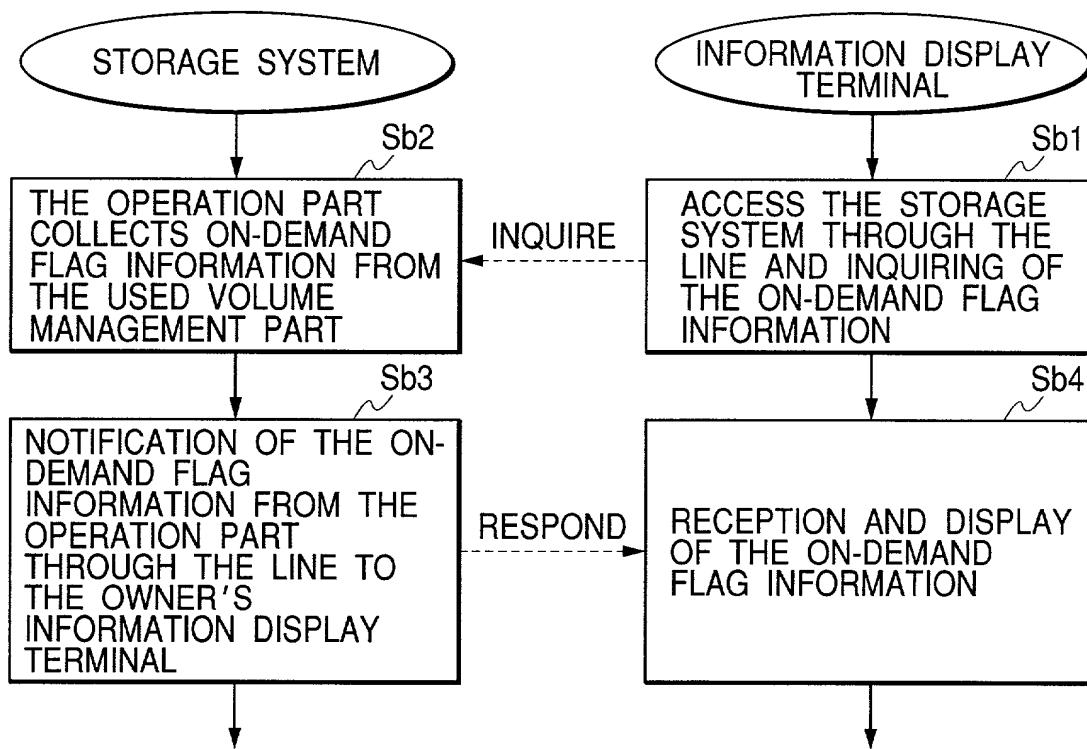


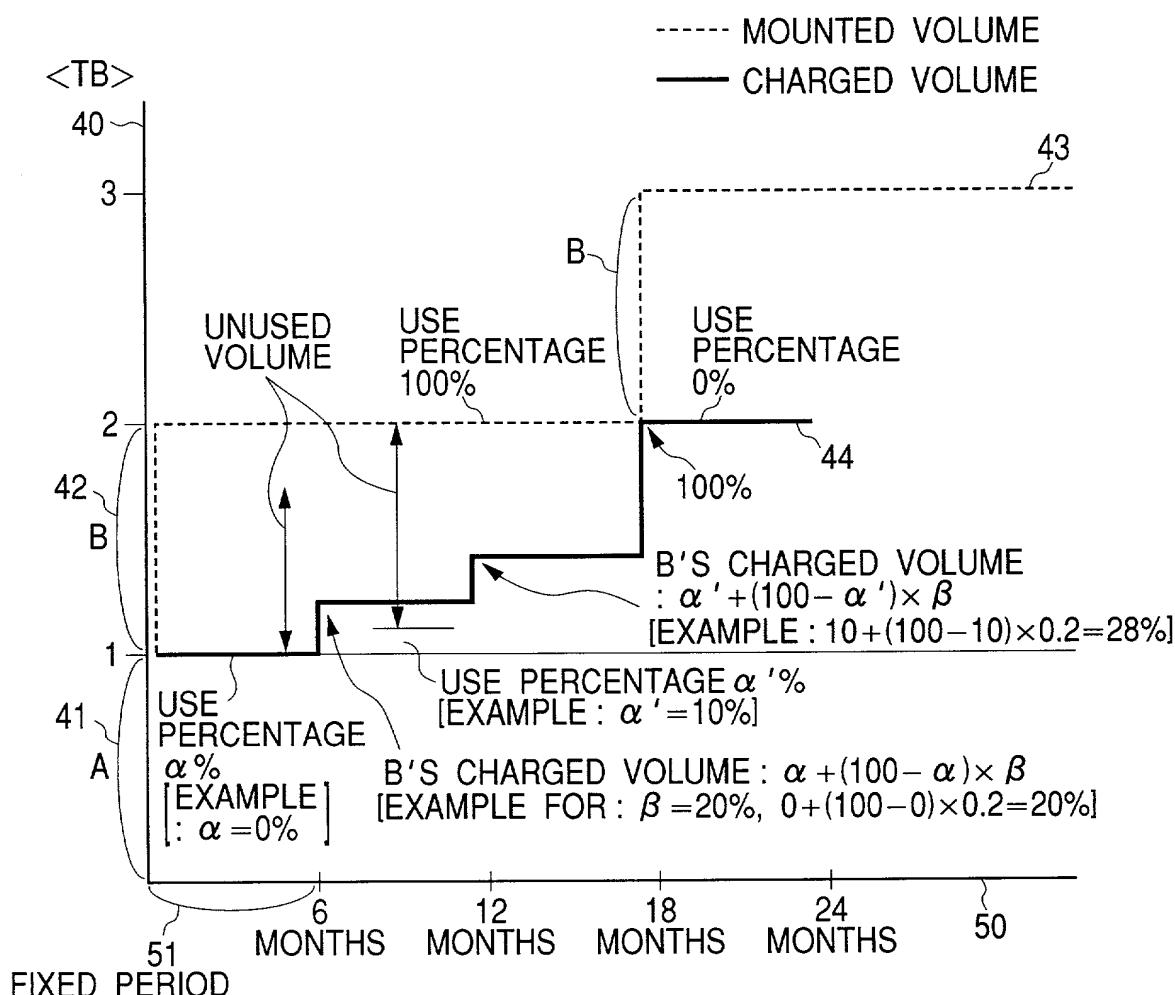
FIG. 5

EXAMPLE OF AN INFORMATION MANAGEMENT TABLE BY USER'S OF A STORAGE SYSTEM

	USER A	USER B	USER C
USER ID	xxxxxx	xxxxxx	xxxxxx
USED VOLUME	xxGB	xxGB	xxGB
ADDED VOLUME	xxGB	xxGB	xxGB
USE PERIOD	x YEAR/x MONTH/x DAY TO x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY TO x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY TO x YEAR/x MONTH/x DAY
USE STARTING DATE	x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY
ALLOCATED VOLUME	VOL. 1, VOL. 2	VOL. 3, VOL. 4	VOL. 5, VOL. 6
USE UNIT COST	x ¥/MONTH	x ¥/MONTH	x ¥/MONTH

FIG. 6

CHARGED VOLUME TRANSITION DIAGRAM TO THE DISK VOLUME OF A STORAGE SYSTEM



DECISION OF A "USED VOLUME" AND AN "UNUSED VOLUME"
AFTER 6 MONTHS ELAPSE

A TOTAL CHARGED VOLUME FOR THE NEXT 6 MONTHS IS
 $A+B$ USED VOLUME +
 $(B'S$ UNUSED VOLUME \times CHARGING PERCENTAGE $\beta\%$)

FIG. 7

FLOWCHART OF A CHARGING METHOD TO THE DISK VOLUME OF A STORAGE SYSTEM

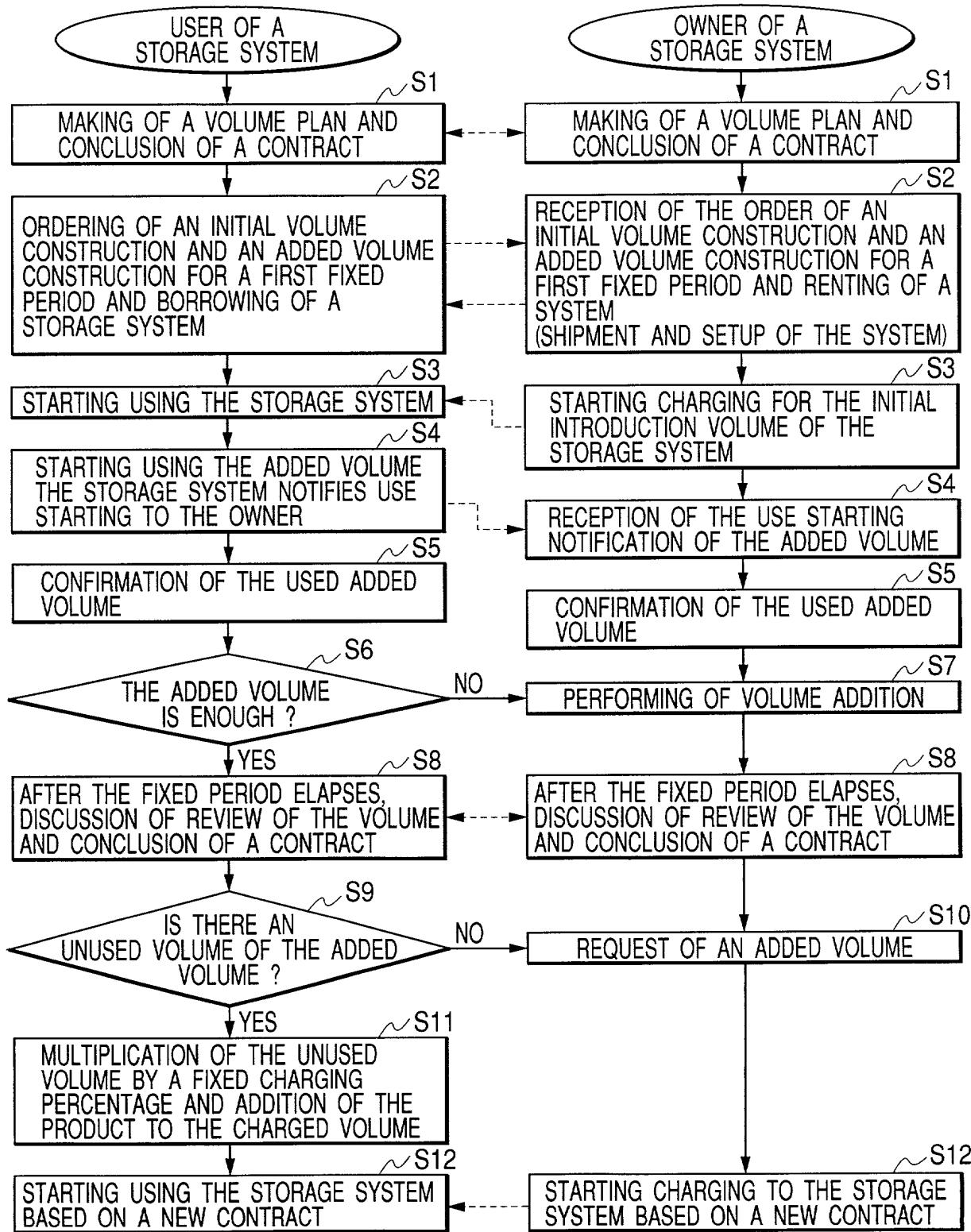


FIG. 8

TIME REQUIRED FOR VOLUME ADDITION TO A
STORAGE SYSTEM

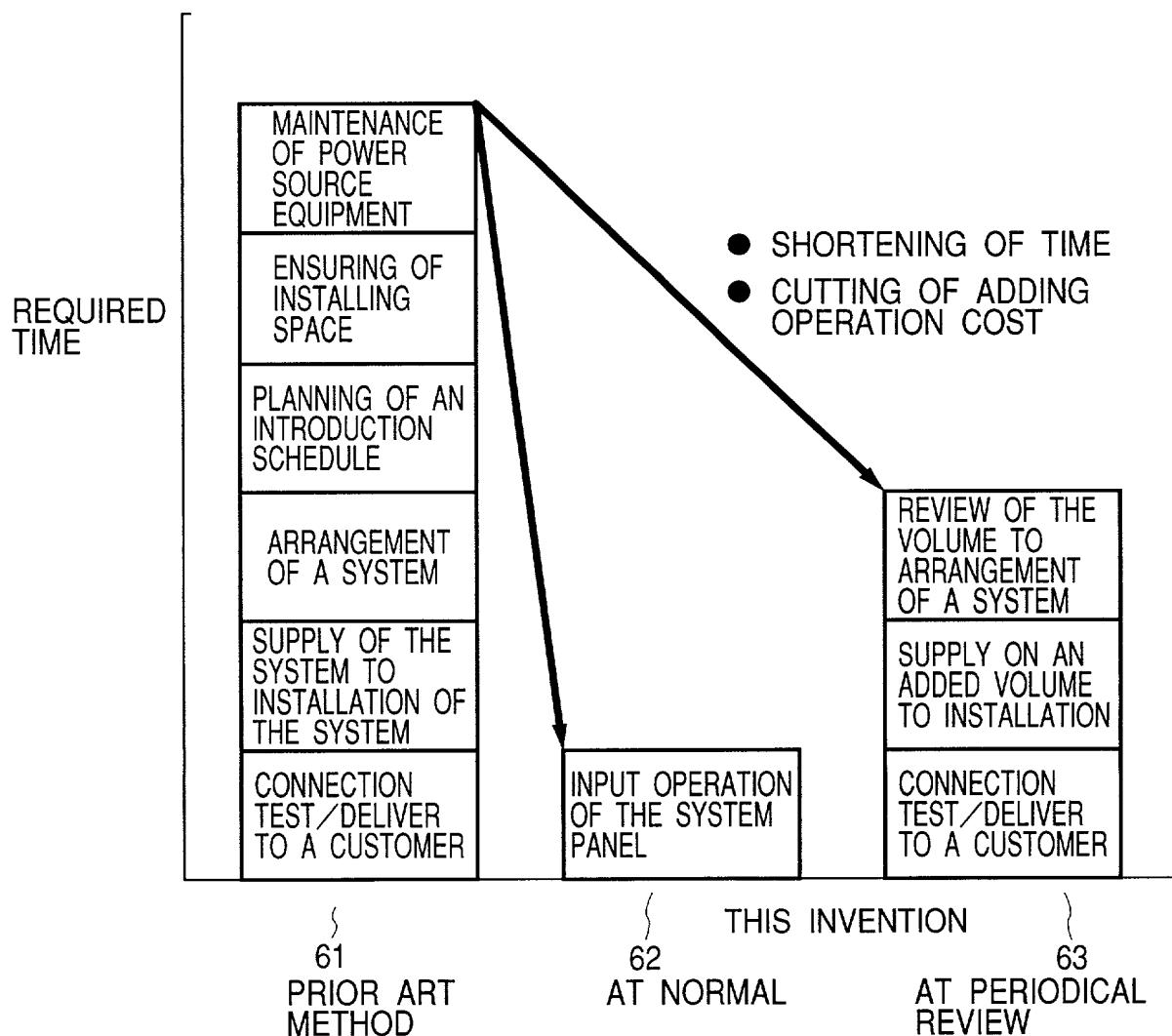


FIG. 9

INITIAL INVESTED VOLUMES TO A STORAGE SYSTEM

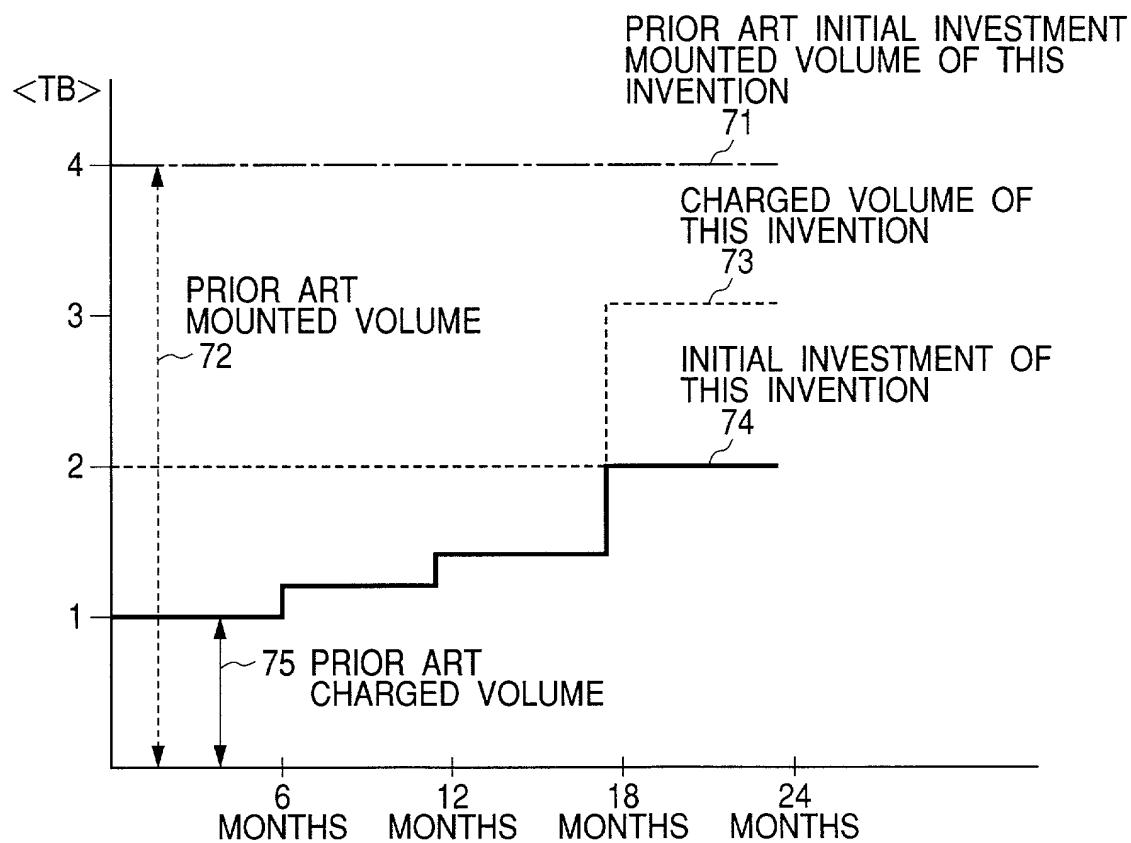


FIG. 10

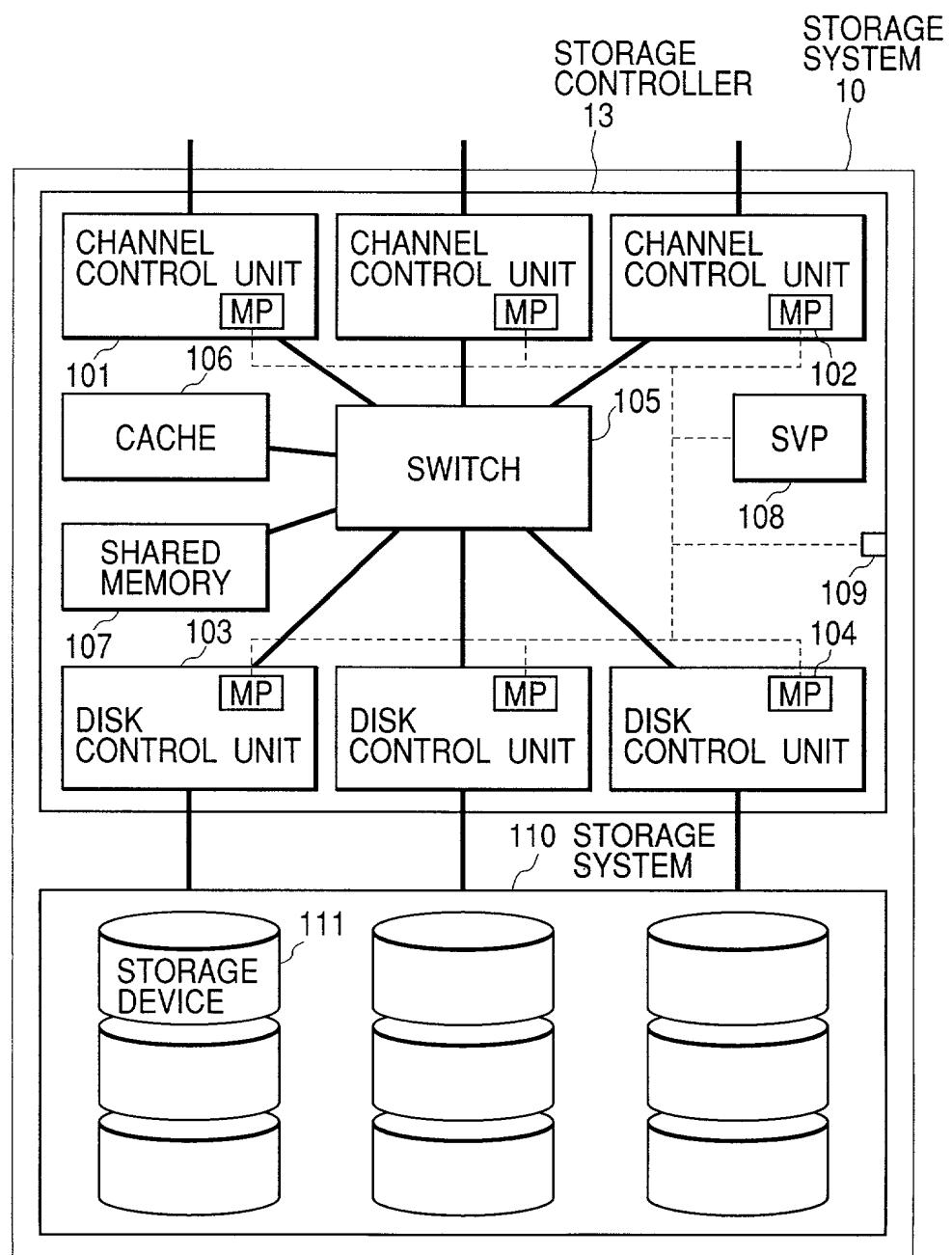


FIG. 11

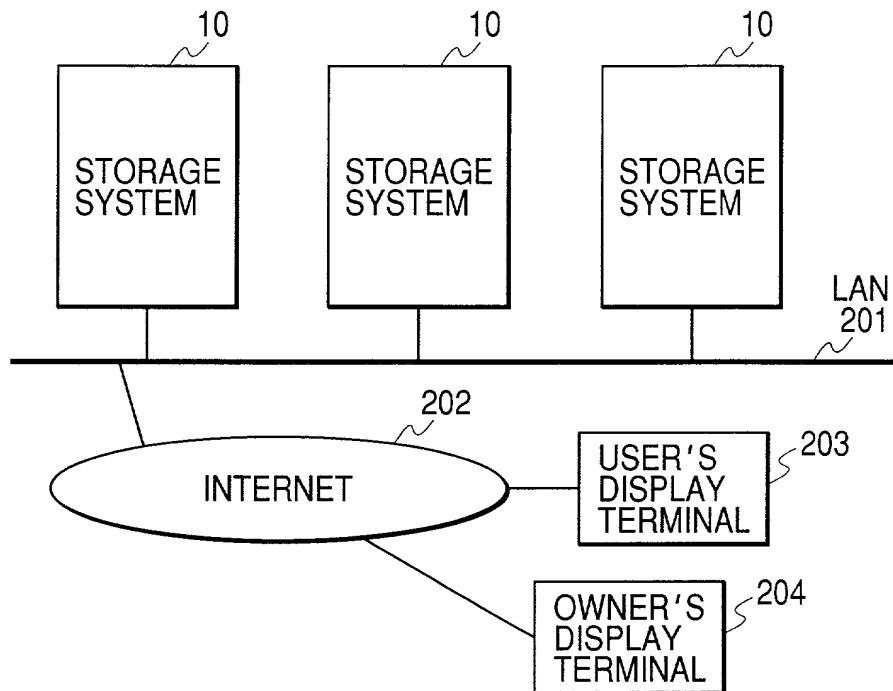


FIG. 12

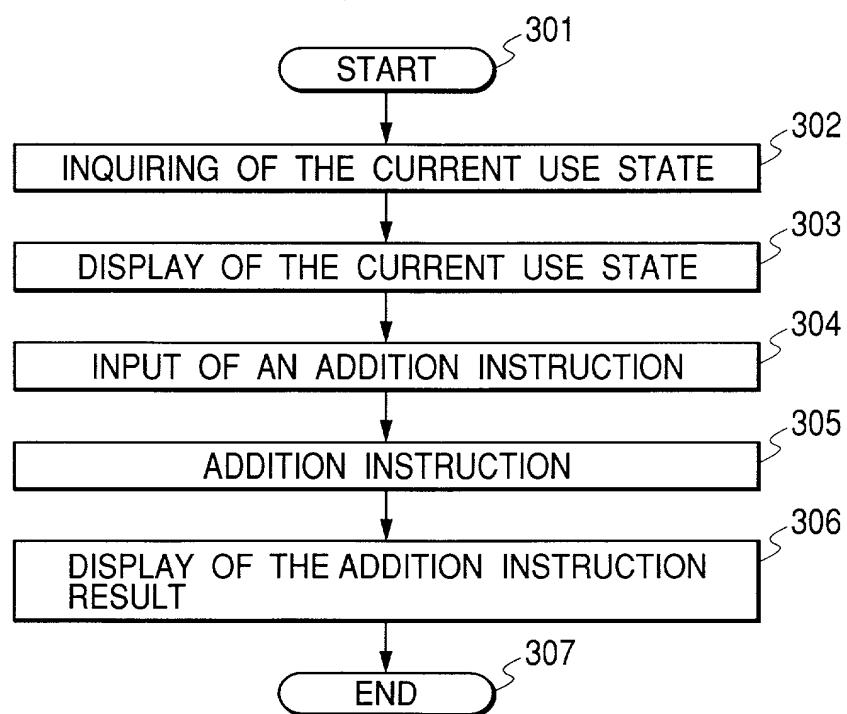


FIG. 13

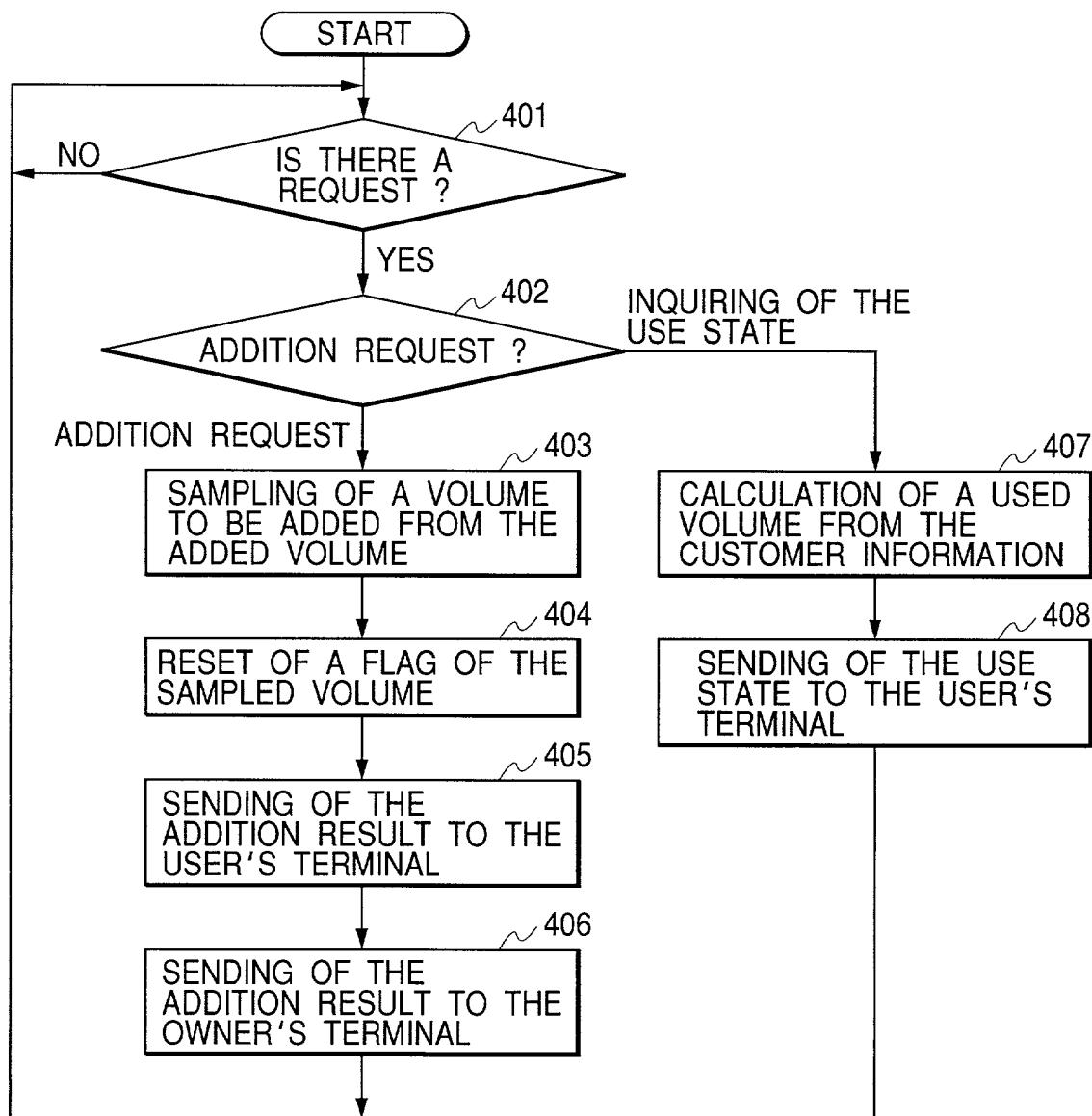


FIG. 14

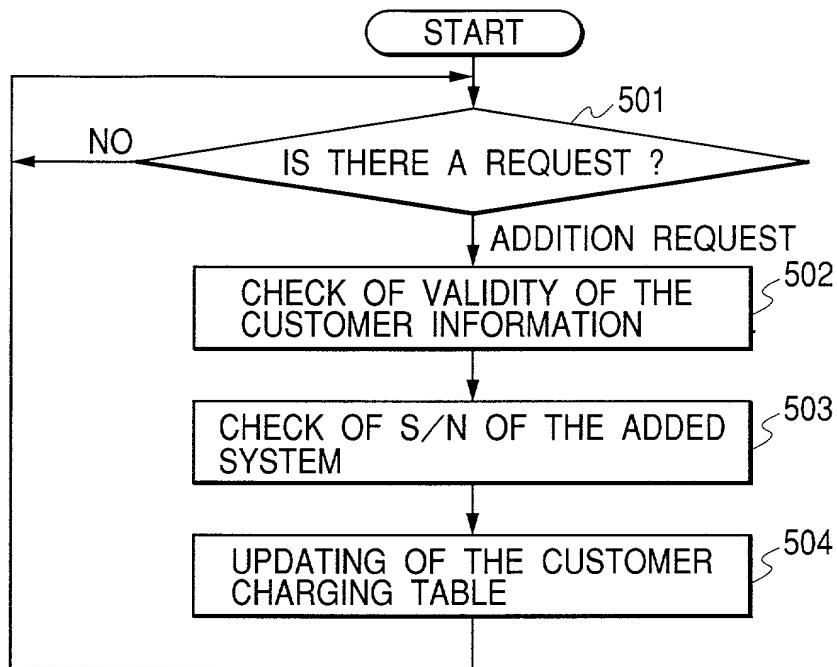


FIG. 15

STORAGE SYSTEM USED VOLUME ADDITION ASSISTANCE SCREEN	
STORAGE SYSTEM USED VOLUME ADDITION ASSISTANCE SCREEN	
INPUT THE FOLLOWING TO SELECT THE BUTTON	
PRODUCT TYPE NAME	STORAGE-TYPE A ~ 601
PRODUCTION NUMBER	34QS1234567890 ~ 602
USER SUPPORT ID	34QS1625345 ~ 603
END	

FIG. 16

STORAGE SYSTEM USED VOLUME ADDITION ASSISTANCE SCREEN

USE STATE	PRODUCT TYPE NAME PRODUCTION NUMBER USER SUPPORT ID	STORAGE-TYPE A 34QS1234567890 34QS1625345	ADD ...
			701 703
	BASIC VOLUME BASIC VOLUME UNIT COST EXCESSIVE USED VOLUME EXCESSIVE USE UNIT COST UNUSED VOLUME UNUSED UNIT COST CONTRACT PERIOD MOUNTED VOLUME	100GB ¥100/MB 30GB ¥250/MB 70GB ¥50/MB 2000.01.01—2002.12.31 5000GB	702
			END

FIG. 17

STORAGE SYSTEM USED VOLUME ADDITION ASSISTANCE SCREEN

ADDITION	PRODUCT TYPE NAME PRODUCTION NUMBER USER SUPPORT ID	STORAGE-TYPE A 34QS1234567890 34QS1625345
	ADDITION — BASIC VOLUME	300GB
		801
		802
		803
	APPLY	CANCEL